

ABSTRACT**THERMAL SENSOR DEVICE**

5 Temperature sensor device that allows changes of temperature
(14) to be detected, as the materials that form said device (1) are deformed,
that consists of a body formed by two valves (2) and a structure (8) provided
in the hollow interior (7), so that they join together with the aid of a number of
bolts (5), it having been envisaged that in one of the bolts (5) and in the
10 structure (8) electrical terminals (4) are positioned, separated a distance (12)
from each other, so that when an increase in temperature (14) takes place, it
causes the deformation of the components of the device (1), allowing contact
of the electrical terminals on having reached the critical temperature (14),
and producing the activation of a warning device (13) with the aid of a
15 conductive medium (10)